

## ABSTRACT OF DISCLOSURE

A refrigerator which has a pleasant front appearance by improving a structure to circulate air through a machine room thereof, and which restrains a transmission of operational noise from an interior to an outside of the machine room, thus performing a silent operation. The refrigerator has a cabinet defining a storage compartment therein, and a machine room defined at a top of the cabinet. The machine room is partitioned in an interior thereof into front and rear chambers by a noise buffering plate having a plurality of vent holes. A main inlet hole and a main outlet hole are provided side-by-side at an upper surface of the front chamber of the machine room so as to allow air to circulate through the machine room. A compressor, a condenser and a cooling fan are installed in the rear chamber of the machine room.